

AGILENT TECHNOLOGIES, INC.
Legal Department, DL429
Intellectual Property Administration
P. O. Box 7599
Loveland, Colorado 80537-0599

PATENT APPLICATION

ATTORNEY DOCKET NO. 10020434-1

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Arthur Fong, et al

Serial No.: 10/630,172

Filing Date: 07/30/2003

Title: Preventing Corrosion Degradation In A Fluid-Based Switch

Examiner: unknown

Group Art Unit: 2832

COMMISSIONER FOR PATENTS
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- () under 37 CFR 1.97(c) together with either a:
() Statement under 37 CFR 1.97(e), or
() a \$180.00 Processing fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
() Statement under 37 CFR 1.97(e), and
() a \$180.00 processing fee under 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account **50-1078** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **50-1078** pursuant to 37 CFR 1.25.

() Applicant(s) submit herewith Form PTO 1449. References identified with an asterisk (*) were disclosed in Patent Application No. _____ filed _____, now U. S. Patent No. _____, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: December 16, 2003

Typed Name: **Patricia Kennedy**

Signature: Patricia Kennedy

Respectfully submitted,

Arthur Fong, et al.

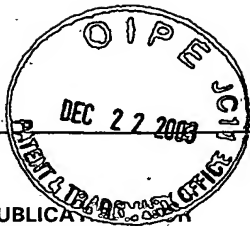
By Kyle J. Way

Kyle J. Way

Attorney/Agent for Applicant(s)

Reg. No. **45,549**

Date: 12/15/03

**PATENT APPLICATION**

Sheet 1 of 1

FORM PTO-1449

**LIST OF PATENTS AND PUBLICATIONS
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

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2832**REFERENCE DESIGNATION****U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	TRANSLATION	
					YES	NO
		JP8-125487	May 17, 1996	Kinseki		x
		JP9-161640	Jun 20, 1997	Buuiyan Chiyoi, et al		x
		JP62-276838	Dec 1, 1987	unknown		x
		JP36-18575	Oct 6, 1961	unknown		x
		SHO47-21645	Oct 4, 1972	Kunio Ono	x	

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

		Kim, Joonwon, et al., "A Micromechanical Switch With Electrostatically Driven Liquid-Metal Droplet", Sensors and Actuators, A: Physical v 9798, April 1, 2002, 4 pages

EXAMINER

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					YES	NO
		WO99-46624	Sep 16, 1999	Bartels	x	

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

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					YES	NO
		EP0593836 A1	Apr 27, 1994	IBM Corporation	x	
		FR2418539	Sep 21, 1979	Orega Circuits & Communication		x
		FR2458138	Dec 26, 1980	Socapex		x
		FR2667396	Apr 3, 1992	Cathignol Dominique		x
		JP63-294317	Dec 1, 1988	unknown		x

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	TDB-ACC-NO: NB8406827, "Integral Power Resistors For Aluminum Substrate", IBM Technical Disclosure Bulletin, June 1984, US, Vol 27, Issue No. 1B, pg 827
	Bhedwar, Homi C., et al., "Ceramic Multilayer Package Fabrication", Electronic Materials Handbook, November 1989, pp 460-469, Volume 1 Packaging, Section 4: Packages
	Simon, Jonathan, et al., "A Liquid-Filled Microrelay With a Moving Mercury Microdrop", Journal of Microelectromechanical Systems, September 1997, pp 208-216, Vol. 6, No. 3

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